

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/000506

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E21B47/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, COMPENDEX, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 365 229 A (GARDNER WALLACE R ET AL) 15 November 1994 (1994-11-15) column 1, line 10 - line 45 column 3, line 16 - column 4, line 56; figures 4,5	1-27
A	WO 01/49001 A (SCHLUMBERGER CA LTD ; SCHLUMBERGER SERVICES PETROL (FR); SCHLUMBERGER) 5 July 2001 (2001-07-05) page 2, line 3 - line 17 page 3, line 20 - line 23 page 16, line 29 - page 18, line 6; claim 1	1,12,21
A	WO 01/93441 A (MCCORKLE JOHN W ; ROFHEART MARTIN (US)) 6 December 2001 (2001-12-06) page 19, paragraph 2 - page 20, paragraph 1	1,12,21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

5 July 2004

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Information on patent family members

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